

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN SERELAXIN
 PRONUNCIATION ser" e lax' in
 THERAPEUTIC CLAIM Treatment of acute heart failure

CHEMICAL NAMES

- L-Serine, L- α -aspartyl-L-seryl-L-tryptophyl-L-methionyl-L- α -glutamyl-L- α -glutamyl-L-valyl-L-isoleucyl-L-lysyl-L-leucyl-L-cysteinylglycyl-L-arginyl-L- α -glutamyl-L-leucyl-L-valyl-L-arginyl-L-alanyl-L-glutamyl-L-isoleucyl-L-alanyl-L-isoleucyl-L-cysteinylglycyl-L-methionyl-L-seryl-L-threonyl-L-tryptophyl-, cyclic (11 \rightarrow 11'),(23 \rightarrow 24')-bis(disulfide) with 5-oxo-L-prolyl-L-leucyl-L-tyrosyl-L-seryl-L-alanyl-L-leucyl-L-alanyl-L-asparaginyl-L-lysyl-L-cysteinyl-L-cysteinyl-L-histidyl-L-valylglycyl-L-cysteinyl-L-threonyl-L-lysyl-L-arginyl-L-seryl-L-leucyl-L-alanyl-L-arginyl-L-phenylalanyl-L-cysteine cyclic (10' \rightarrow 15')-disulfide
- Human relaxin 2 (relaxin H2)

STRUCTURAL FORMULA

B chain

DSWMEEVIKL CGRELVRAQI AICGMSTWS 29

A chain

QLYSALANKC CHVGCTKRSL ARFC 24'

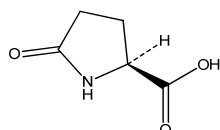
Disulfide bridges

10'-15' 11-11' 23-24'

Modified residues

$\frac{Q}{1'}$

L-pyrroglutamic acid



MOLECULAR FORMULA

C₂₅₆H₄₀₈N₇₄O₇₄S₈

MOLECULAR WEIGHT

5.96 kDa

TRADEMARK

None as yet

SPONSOR

Novartis Pharma AG

CODE DESIGNATION

RLX030

CAS REGISTRY NUMBER

99489-94-8